

CLEAN VERSION OF ABSTRACT AND CLAIMS

Abstract

A1 A baffle for slowing the incoming water flow into a booster heating tank so that the turbulence in the water tank is minimized. The baffle consists of an inner cap and outer cap which are positioned over the inlet to a water heating tank. The outer cap is spaced apart from the inner cap such that the incoming water flows through openings in the inner cap and is directed to the underside of the outer cap. The water, having been sufficiently slowed by the contact with the underside of the outer cap, then smoothly flows downward along the outer cap flange and into the main plenum of the tank.